


## REMARKS

Claims 28 and 29 have been amended to correct typographical errors. In order to provide additional clarity for the Examiner, the amended claims that do not show the nature of the amendments are set forth in Attachment A.

Respectfully submitted,

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Andrew C. Aitken, Reg. No. 36,729  
VENABLE LLP  
P.O. Box 34385  
Washington, D.C. 20043-9998

Telephone: (202) 344-4000

Telefax: (202) 344-8300

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## ATTACHMENT A

28. A method as recited in claim 26, wherein said independent capacitive component is calculated according to the equation

$$C_x = -V_1 \sin \phi / (2\pi f R_s V_2)$$

wherein:

$C_x$  is the value of the independent capacitive component

$V_1$  is the amplitude of the applied voltage

$V_2$  is the amplitude of the voltage across the electrodes

$f$  is the frequency of the applied voltage

$\phi$  is the phase angle between the voltages  $V_1$  and  $V_2$

$R_s$  is the resistance connected in series.

39. A method as recited in claim 36, wherein said independent capacitive component is calculated according to the equation

$$C_x = -V_1 \sin \phi / (2\pi f R_s V_2)$$

wherein:

$C_x$  is the value of the independent capacitive component

$V_1$  is the amplitude of the applied voltage

$V_2$  is the amplitude of the voltage across the electrodes

$f$  is the frequency of the applied voltage

$\phi$  is the phase angle between the voltages  $V_1$  and  $V_2$

$R_s$  is the resistance connected in series.